

**Individually-Contoured Seat Cushion  
and Shape Capturing and Fabricating Method for Seat Cushion**

**Abstract of Disclosure**

5

A negative impression of an anatomical portion of a person is captured by forcing the anatomical portion into impression foam to collapse the impression foam into the negative impression. The impression foam has a crush characteristic of approximately constant resistance force over a relatively wide

10 predetermined range of collapse distances. The negative impression is obtained by collapsing the impression foam within the range of constant-force collapse distances, thereby creating the negative impression under conditions which reflect an equally-loaded anatomical portion. A cushion support contour created from the

15 equally-loaded negative impression is beneficial in more appropriately supporting the anatomical portion. The present invention is particularly useful in fabricating wheelchair seat cushions.